



Food & Beverage Capability Statement

Rugged, Sanitary Design

Our fully sealed, stainless steel industrial computers and touchscreen HMIs are built to meet IP66 protection standards. These units are designed to withstand high-pressure washdowns, extreme temperatures, and maintain strict hygiene standards.

Built for Harsh Environments

Engineered to perform in wet, humid, and high-vibration conditions, our industrial-grade computers and monitors resist corrosion, contaminants, and impact, making them ideal for food and beverage processing facilities.

Optimized for Automation and Process Control

Integrates seamlessly with PLCs, SCADA, and automation systems, improving real-time monitoring, batch tracking, and production efficiency while minimizing downtime and predicting maintenance needs.

Compliance and Traceability

Our solutions help manufacturers meet the needs of FDA, USDA, and HACCP requirements by providing products that facilitate reliable data logging, digital batch tracking, and compliance reporting that enhance food safety and traceability.

Use Cases:



Washdown Areas

Our rugged IP66 stainless steel HMIs withstand high-pressure washdowns, chemicals, and extreme temperatures.



Food Processing Facilities

Ultra-rugged PCAP touchscreens ensure real-time control, FDA/USDA compliance, and optimized production.



Conveyor Systems

HMI Workstations integrate with PLCs and automation systems to track flow, detect issues, and reduce downtime.



Process Monitoring

Real-time data visualization and logging ensures quality and regulatory compliance and improved decision-making on the factory floor.

The VarTech Standard:

- Best-in-class engineered solutions: Tailored to any application
- Built-to-spec customization: Countless features and packages
- End-to-end project support with a dedicated Project Manager
- Industrial-strength protection
- Made in the USA: Engineered, fabricated, and assembled in NC
- Order size flexibility: No minimum quantity
- Robust product portfolio
- Short lead times: Vertical integration allows 4-6 week lead times
- Unrivaled durability: Only the highest quality components

Key Products:



ToughStation: NEMA 4X/IP66 computers and monitors ready for washdown areas.



DiamondVue: Panel mount NEMA 4X industrial computers and monitors.



Bolt (Ai): Fully sealed, resistant to extreme heat or cold, powerful edge AI computing.



ToughCube: Fully sealed small form factor PC with up to 64 GB RAM for nonstop use.



Purge-Protected ToughStation: Designed for safe operation in hazardous areas.



ToughStation Workstation: Ergonomic, panel, and recessed keyboard options.

Trusted by:



Product Differentiators:

- 3-year warranty (extended warranties available)
- Bespoke designs and custom engineered solutions
- IP66 protection: Withstands washdowns and harsh cleaning
- Food-grade build: Corrosion-resistant, FDA/USDA compliant
- Rugged touchscreens: Works in wet and gloved conditions
- Harsh environment-ready: Handles heat, moisture, and vibration
- 24/7 durability: Built for nonstop industrial use
- Wifi, Bluetooth connectivity
- Resistive and PCAP touchscreens including with non-glass polycarbonate materials
- Sunlight and temperature-resistant: Clear visibility in any lighting, operates in extreme heat or cold

Company Reference Codes:

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